

Part 573 Safety Recall Report**14V-755****Manufacturer Name :** General Motors LLC**Submission Date :** NOV 25,2014**NHTSA Recall No. :** 14V-755**Manufacturer Recall No. :** 14291**Manufacturer Information :**

Manufacturer Name : General Motors LLC

Address : 30001 VAN DYKE

MAIL CODE 480-210-2V WARREN MI 48090

Company phone : 999

Population :

Number of potentially involved : 273,182

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2006-2009 Buick LaCrosse

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2006-2009 Buick LaCrosse vehicles

Production Dates : DEC 01, 2005 - JAN 27, 2009

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs

Vehicle : 2006-2007 Buick Rainier

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2006-2007 Buick Rainier vehicles

Production Dates : DEC 01, 2005 - MAY 14, 2007

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs

Vehicle : 2006-2007 Chevrolet Trailblazer

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2006-2007 Chevrolet Trailblazer vehicles

Production Dates : JAN 03, 2006 - MAY 31, 2006

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs

Vehicle : 2006-2006 Chevrolet Trailblazer EXT

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2006 Chevrolet Trailblazer EXT vehicles

Production Dates : DEC 01, 2005 - FEB 20, 2006

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs

Vehicle : 2006-2007 GMC Envoy

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2006-2007 GMC Envoy vehicles

Production Dates : JAN 03, 2006 - MAY 31, 2006

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs

Vehicle : 2006-2006 GMC Envoy XL

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2006 GMC Envoy XL vehicles

Production Dates : DEC 01, 2005 - FEB 20, 2006

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs

Vehicle : 2006-2008 Isuzu Ascender

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2006-2008 Isuzu Ascender vehicles

Production Dates : DEC 01, 2005 - SEP 28, 2007

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs

Vehicle : 2006-2008 Saab 9-7x

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2006-2008 Saab 9-7x vehicles

Production Dates : DEC 01, 2005 - SEP 28, 2007

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs

Description of Defect :

Description of the Defect : General Motors has decided that a defect which relates to motor vehicle safety exists in certain 2006 – 2009 model year Buick LaCrosse vehicles; certain 2006 – 2008 Saab 9-7X and Isuzu Ascender vehicles; certain 2006 – 2007 Buick Rainier, Chevrolet Trailblazer and GMC Envoy vehicles; and certain 2006 Chevrolet Trailblazer EXT and GMC Envoy XL vehicles. The headlamp driver module (HDM) in certain of these vehicles may not operate properly in the thermal environment of the underhood electrical center. If the HDM is not operating correctly, the low-beam headlamps and daytime running lamps could fail to illuminate. This failure could be intermittent or permanent. This condition does not affect the high-beam headlamps, marker lamps, turn signals, or fog lamps.

Description of the Safety Risk : Loss of low-beam headlamps, when they are required, could reduce the driver's visibility, increasing the risk of a crash.

Description of the Cause : The HDM may not operate properly in the thermal environment of the underhood electrical center.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : Delphi

Address : 5820 Delphi Drive
Troy MICHIGAN 48098

Country : United States

Chronology :

In January 2014, GM began investigating claims that HDMs in Buick LaCrosse vehicles could overheat and melt. GM analyzed NHTSA Vehicle Owner Questionnaires ("VOQs"), warranty data, TREAD data, and other data, and tested original equipment used HDM components.

In March 2014, GM recovered a melted HDM and underhood electrical center from the field. GM determined that the HDM was an aftermarket component that contained a unique three-pin field effect transistor ("FET"). From April through June 2014, GM purchased HDM components from various manufacturers and analyzed each for internal construction, FET type, and terminal-plating thickness.

From July through November 2014, GM recovered and analyzed melted HDMs from Buick LaCrosse, Pontiac Grand Prix, and Chevrolet Trailblazer vehicles. Every melted HDM that GM recovered from the field was an aftermarket part that contained the three-pin FET.

On August 7, 2014, NHTSA sent GM additional VOQs that related to simultaneous low-beam headlamp failure and melt incidents in the LaCrosse, Trailblazer, and Grand Prix. Having isolated the HDM-melt failure to an aftermarket part of unknown manufacture, GM changed the focus of its investigation to analyzing VOQs relating to simultaneous low-beam headlamp failure. After reviewing vehicle test results, warranty data, TREAD data, VOQs, and other data, GM identified several vehicles and build periods that had higher rates of HDM failure corresponding to intermittent or permanent loss of low-beam headlamps. GM's Safety and Field Action Decision Authority reviewed this data on November 18, 2014 and decided to conduct a safety-related recall.

Description of Remedy :

Description of Remedy Program : General Motors will provide its plan for remedying the defect and its schedule for notifying dealers and owners as soon as they are confirmed. Pursuant to 577.11, GM will provide reimbursement to owners for repairs according to the plan submitted on May 23, 2013.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : Vehicles affected by this recall are no longer in production.

Recall Schedule :

Description of Recall Schedule : General Motors will provide the dealer bulletin and owner letter mail dates when available.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported